



Substitute PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/623,447	
			Filing Date	July 18, 2003	
			First Named Inventor	Dratz et al.	
			Art Unit	1644	
			Examiner Name	To be assigned	
Sheet	1	of	2	Attorney Docket Number	Docket A-72182 470425-15

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
UR	A1	US-4774339	09/27/1988	Haugland et al.	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
	B1					

NON PATENT LITERATURE DOCUMENTS					T ⁶
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
UR	C1	Berggren, K., et al., (2000) Background-free, high sensitivity staining of proteins in one- and two-dimensional sodium dodecyl sulfate-polyacrylamide gels using a luminescent ruthenium complex, <i>Electrophoresis</i> 21, 2509-2521			
	C2	Corthals, G. L., et al., (2000) The dynamic range of protein expression: a challenge for proteomic research, <i>Electrophoresis</i> 21: 1104-1115			
	C3 †	Database CAPLUS on STN, AN 2001:584663, WANG et al., "Optical Recording Properties of a Novel Subphthalocyanine Thin Film", <i>Physica Status Solid A: Applied Research</i> , 2001, Vol. 186, No. 1, pages 71-77, Abstract			
	C4	Gygi, S. P., et al., (1999) Quantitative analysis of complex protein mixtures using isotope-coded affinity tags, <i>Nat. Biotechnol.</i> 17: 994-999			
	C5	Gygi, S. P., et al., (2000) Evaluation of two-dimensional gel electrophoresis-based proteome analysis technology, <i>Proc. Natl. Acad. Sci. U.S.A</i> 97: 9390-9395			
	C6	Harry, J. L., et al., (2000) Proteomics: capacity versus utility, <i>Electrophoresis</i> 21: 1071-1081			

Examiner Signature	<i>Joe Ramulh</i>	Date Considered	12/8/06
--------------------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-788-9199) and selection option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO (Modified)			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/623,447	
			Filing Date	July 18, 2003	
			First Named Inventor	Dratz et al.	
			Art Unit	1644	
			Examiner Name	To be assigned	
Sheet	2	of	2	Attorney Docket Number	Docket A-72182 470425-15

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
UR	C7	Haugland, R. P. and Kang, H. C. Chemically Reactive DipyrrometheneBoron Difluoride Dyes, <i>Molecular Probes, Inc.</i> 83,458[4,774,339], 1-14. 1988		
	C8	Johnson, I. D., et al., (1991), Fluorescent membrane probes incorporating dipyrrometheneboron difluoride fluorophores, <i>Anal. Biochem</i> 198: 228-237		
	C9	Karolin, J., et al., (1994) Fluorescence and absorption spectroscopic properties of dipyrrometheneboron difluoride (BODIPY) derivatives in liquids, lipid membranes, and proteins, <i>J. Am. Chem. Soc.</i> 116: 7801-7806		
	C10	King et al., (1996) "Alkyl 2,2,2-Trifluoroethanesulfonates (Tresylates): Elimination-Addition vs. Bimolecular Nucleophilic Substitution in Reactions with Nucleophiles in Aqueous Media" <i>J. Org. Chem.</i> 61,7250-7255		
	C11	Mattew, J. B., et al., (1985) pH-dependent processes in proteins, <i>CRC Crit. Rev. Biochem</i> 18: 91-197		
	C12	McNamara P., et al., (2000) Fluorescent gel imaging with Typhoon 8600: <i>Life Science News</i>		
	C13	Patton, W. F. (2000) A thousand points of light: the application of fluorescence detection technologies to two-dimensional gel electrophoresis and proteomics <i>Electrophoresis</i> 21: 1123-1144		
	C14	Rabilloud, T., (2000) Detecting proteins separated by 2-D gel electrophoresis, <i>Anal. Chem.</i> 72: 48A-55A		
	C15	Tanford, C. (1962) The interpretation of hydrogen ion titration curves of proteins. <i>Adv. Protein Chem.</i> 17: 69-165		
	C16	Unlu, M., et al., (1997) Difference gel electrophoresis: a single gel method for detecting changes in protein extracts, <i>Electrophoresis</i> 18: 2071-2077		
	C17	Vos de Wael, E., et al., (1977) Pyromethene-BF ₂ complexes (4,4"-difluoro-4-bora-3a,4a-diaza-s-indacenes), Synthesis and luminescence properties, <i>Recl. Trav. Chim. Pays-Bas</i> 96: 306-309		

4839-4828-9536\14/5/2006 6:30 PM

Examiner Signature		Date Considered	12/8/06
--------------------	---	-----------------	---------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2